

**ABSTRACT**

System, method, signal, operating model, and computer program for electronic messaging. Systems and method for providing security for communication of electronic messages, interactive sessions, software downloads, software upgrades, and other content from a source to a receiving device as well as signals used for such communications. Systems, methods, signals, device architectures, data formats, and computer program structures for providing authentication, integrity, confidentiality, non-repudiation, replay protection, and other security properties while minimizing the network bandwidth, computational resources, and manual user interactions required to install, enable, deploy and utilize these security properties. System, device, method, computer program, and computer program product for searching and selecting data and control elements in message procedural/data sets for automatic and complete portrayal of message to maintain message intent. System, device, method, computer program, and computer program product for adapting content for sensory and physically challenged persons using embedded semantic elements in a procedurally based message file.

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